

Amendments to the Claims

This listing of claims will replace all prior listings of claims in the application.

Listing of Claims

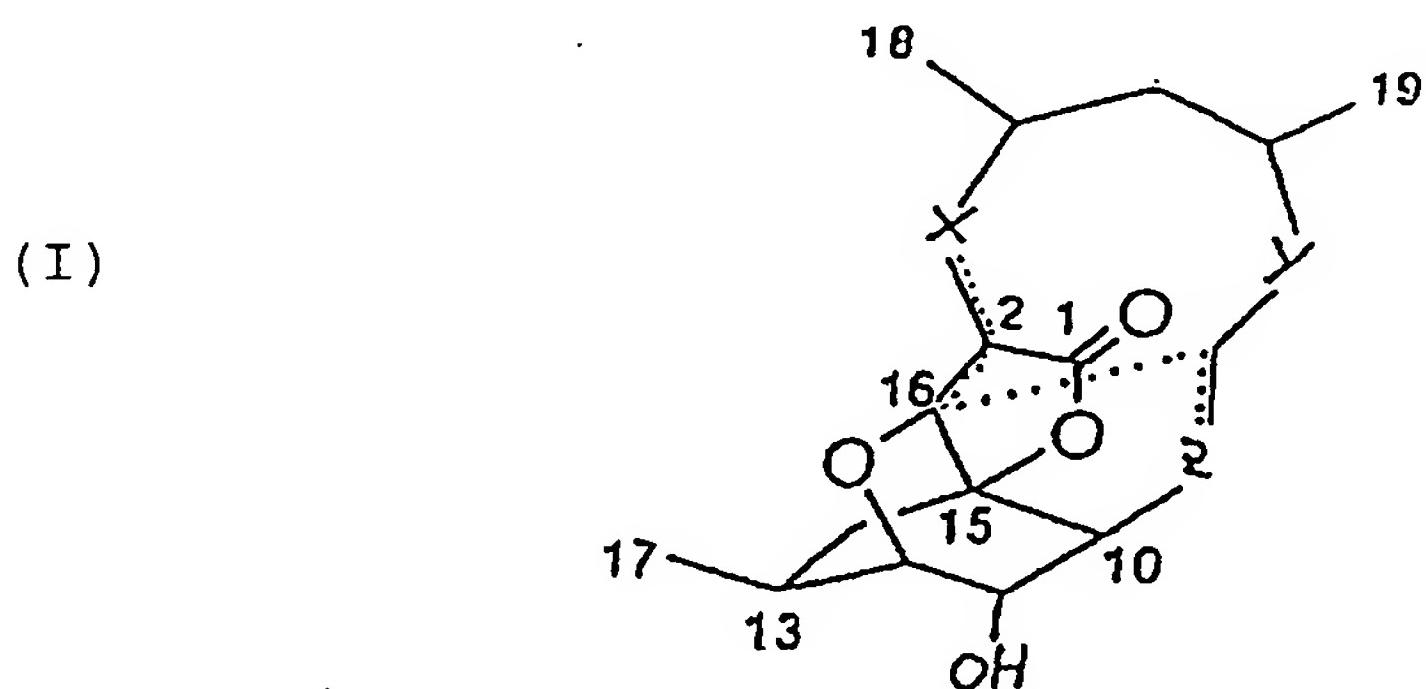
1. (Original) A substance, characterized in that it is a polycyclic macrolactone and can be produced by a representative of the bacterial genus *Verrucosispora*.

2. (Original) A substance as claimed in claim 1, characterized in that it exhibits a pharmacological effect, in particular an antibiotic effect.

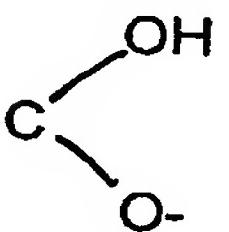
3. (Currently Amended) A substance as claimed in claim 1 or ~~claim 2~~, characterized in that it exhibits an antibiotic effect towards Gram-positive bacteria.

4. (Currently Amended) A substance as claimed in ~~one of the preceding claims~~ Claim 1, characterized in that the representative of the bacterial genus *Verrucosispora* is the bacterial strain AB 18-032 (DSM 15899).

5. (Currently Amended) A substance, in particular as claimed in ~~one of claims 1 to 4~~ Claim 1, characterized by the general Formula I together with all the possible relative configurations

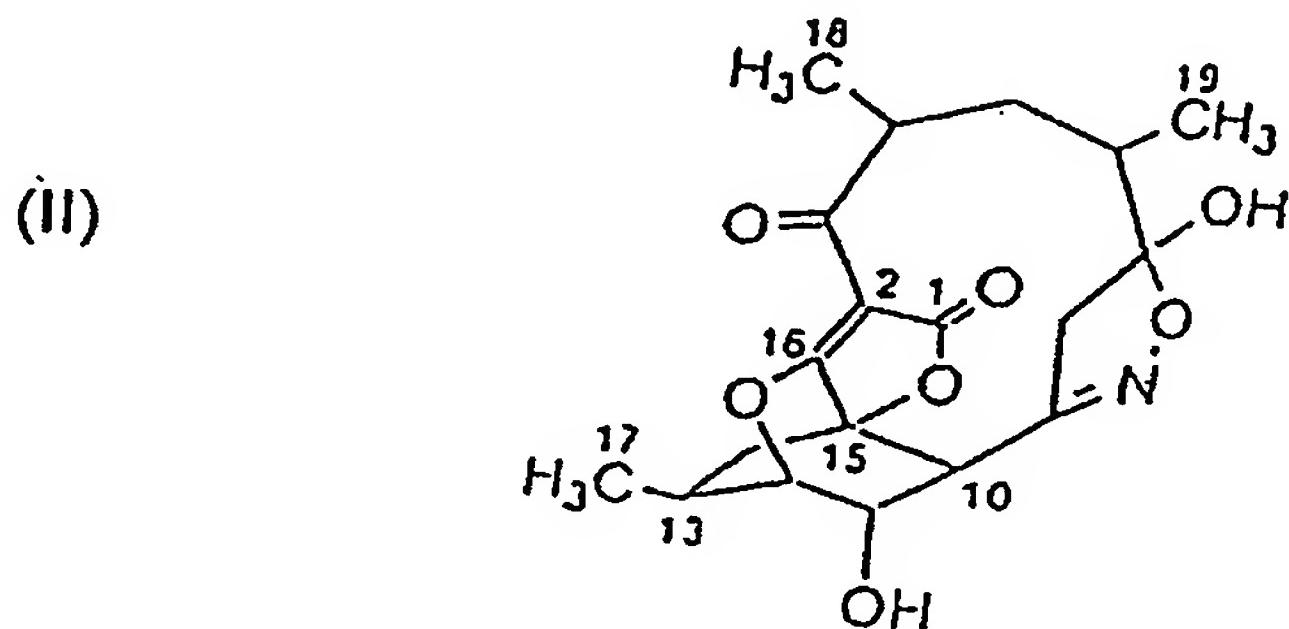


where X is C=O or
C-OH

Y is  or
C=O

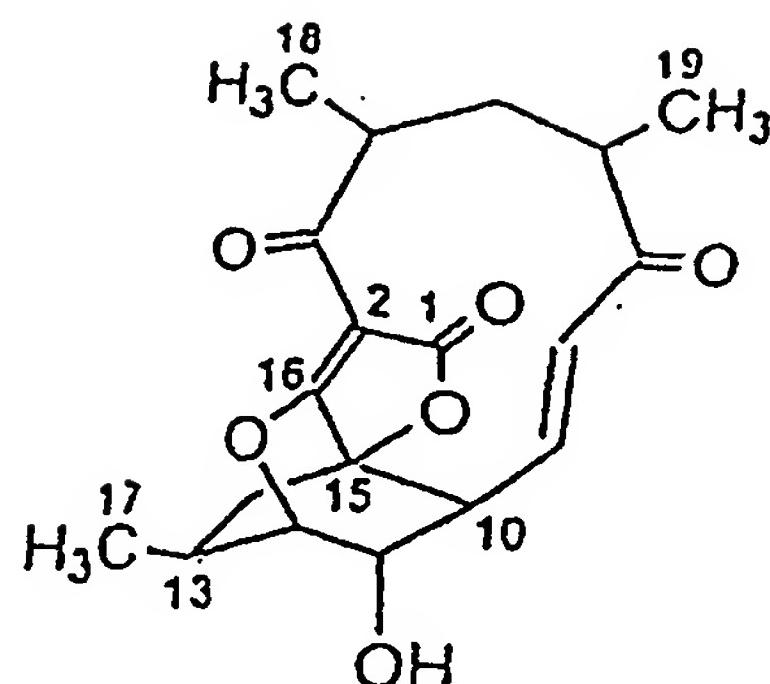
Z is C=N- or
CH or
CH₂.

6. (Original) A substance as claimed in claim 5,
characterized by the Formula II together with all the possible
relative configurations



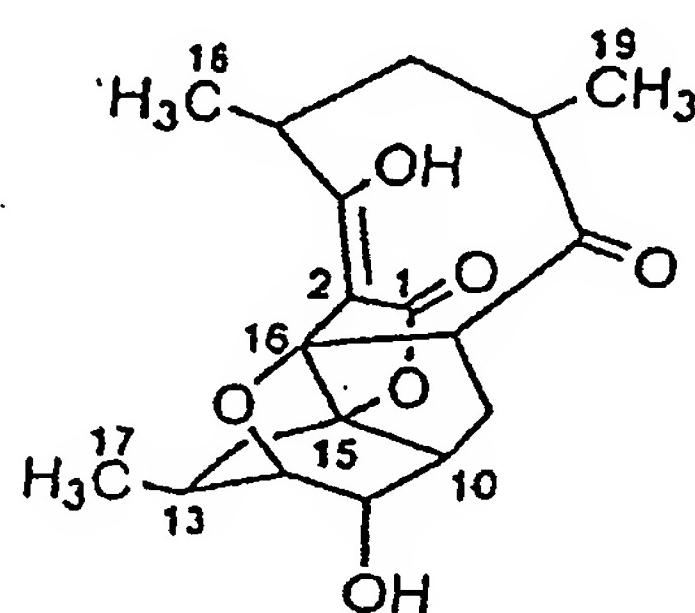
7. (Original) A substance as claimed in claim 5,
characterized by the Formula III together with all the
possible relative configurations

(III)



8. (Original) A substance as claimed in claim 5, characterized by the Formula IV together with all the possible relative configurations

(IV)



9. (Currently Amended) A substance, in particular as claimed in ~~one of the preceding claims~~Claim 1, characterized in that it inhibits the synthesis of para-aminobenzoic acid, in particular the synthesis of para-aminobenzoic acid from chorismic acid.

10. (Currently Amended) A substance, in particular as claimed in ~~one of the preceding claims~~Claim 1, characterized in that it is a polycyclic macrolactone and, as constituent structures, exhibits at least one oxabicyclo system and at least one Michael system as double bond system.

11. (Currently Amended) A substance, characterized in that it is a derivative of a polycyclic macrolactone as claimed in ~~one of the preceding claims~~Claim 1.

12. (Currently Amended) A pharmaceutical composition, characterized in that it comprises at least one substance as claimed in ~~one of the preceding claims~~Claim 1 and at least one pharmaceutically acceptable excipient.

13. (Original) A pharmaceutical composition, characterized in that it comprises at least one substance which inhibits the synthesis of para-aminobenzoic acid from chorismic acid and at least one pharmaceutically acceptable excipient.

14. (Currently Amended) The use of a substance as claimed in ~~one of claims 1 to 11~~Claim 1 for treating infectious diseases which are at least concomitantly influenced by bacteria and/or protozoa.

15. (Currently Amended) The use of a substance as claimed in ~~one of claims 1 to 11~~Claim 1 for producing a drug for treating infectious diseases which are at least concomitantly influenced by bacteria and/or protozoa.

16. (Original) The use of a substance for treating infectious diseases which are at least concomitantly influenced by bacteria and/or protozoa, characterized in that the substance inhibits the synthesis of para-aminobenzoic acid from chorismic acid.

17. (Original) The use of a substance for producing a drug for treating infectious diseases which are at least concomitantly influenced by bacteria and/or protozoa, characterized in that the substance inhibits the synthesis of para-aminobenzoic acid from chorismic acid.

18. (Currently Amended) The use as claimed in claim 16 or claim 17, characterized in that at least one substance as claimed in one of claims 1 to 11 is employed.

19. (Currently Amended) The use as claimed in one of claims 14 to 18 Claim 14, characterized in that at least some of the bacteria are Gram-positive bacteria.

20. (Currently Amended) The use as claimed in one of claims 14 to 19 Claim 14, characterized in that the bacteria and/or protozoa are resistant, in particular multiresistant, to conventional antibiotics.

21. (Currently Amended) A method for controlling microorganisms, in particular bacteria and/or protozoa, characterized in that use is made of at least one substance as claimed in one of claims 1 to 11 Claim 1.

22. (Currently Amended) A microorganism, characterized in that it is able to produce at least one substance as claimed in one of claims 1 to 11 Claim 1.

23. (Original) A microorganism as claimed in claim 22, characterized in that it is a strain of the bacterial genus *Verrucosispora*, or a mutant thereof.

24. (Currently Amended) A microorganism, in particular as claimed in claim 22 or claim 23, characterized in that it is the strain AB 18-032 (DSM 15899) of the bacterial genus *Verrucosispora*, or a mutant thereof.

25. (Currently Amended) A process for preparing at least one substance as claimed in one of claims 1 to 11, comprising the procedural steps of:

- a) culturing a microorganism as claimed in ~~one of claims 22 to 24~~Claim 22,
- b) obtaining a culture supernatant from the culture,
- c) where appropriate, preparing a culture filtrate, and
- d) where appropriate, isolating one or more substances from the culture supernatant and/or the culture filtrate.

26. (Currently Amended) A process for preparing at least one substance as claimed in ~~one of claims 1 to 11~~Claim 22, comprising the procedural steps of:

- a) culturing a microorganism as claimed in ~~one of claims 22 to 24~~Claim 22,
- b) isolating one or more substances from the microorganism.